8EHQ-0404-15554

BASF
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MR 274479

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April 22, 2004

CONTAINS NO CBI

Attention: 8(e) Coordinator
U. S. Environmental Protection Agency
Document Control Officer
Office of Pollution Prevention and Toxic Substances, 7407
1201 Constitution Avenue, NW
Washington, DC 20004-3302

8EHQ-04-15554

Subject: Notice in accordance with Section 8 (e): n Results of an *in vivo* mouse micronucleus test with E-Geranonitril

Ladies and Gentlemen:

BASF Corporation is submitting results of an in vivo mouse micronucleus test with E-Geranonitril (CAS No. 5585-39-7) conducted by BASF Aktiengesellschaft, Ludwigshafen, Germany. The test substance with the IUPAC name (E)-3,7-Dimethyl-octa-2,6-dienenitrile is a component of Geranonitril which is a fragrance material for detergents and household products.

The study was carried out in accordance with the following guidelines:

In vivo mouse micronucleus test:

- EC Directive 2000/32, B.12 (May 19, 2000)
- OECD No. 474 (July 21, 1997)
- EPA/OPPTS 870.5395 (August 1998)

The test substance was tested for its clastogenic (small micronuclei) and aneugenic (large micronuclei) potential in the micronucleus test using male NMRI mice. The animals were sacrificed 24 hours (all doses) or 48 hours (top dose only) after a single oral administration.

The following is a summary of the most relevant results:

A dose dependent and statistically increase in polychromatic erythrocytes containing small micronuclei (clastogenic activity) was observed at 500 mg/kg (24 hours) and 1 000 mg/kg body weight (24 and 48 hours).

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Although the findings are not considered to present a substantial risk to human health or the environment, BASF Corporation understands that reporting of results from this study under TSCA 8(e) is in accordance with EPA's policy.

Sincerely,
BASF CORPORATION

Sree Jasti

Sree L. Jasti, Ph.D.
Product Regulatory Center of Excellence